

CUSHION STOP AND METHOD FOR ABSORBING
BIDIRECTIONAL IMPACT OF SNOW PLOW BLADE TRIPPING

ABSTRACT OF THE DISCLOSURE

5 An improved snow plow for use with light and
medium duty trucks is disclosed which has an impact-
absorbing mechanism which absorbs the shocks of both
the tripping of the snow plow blade upon striking an
object and the spring-biased return of the snow plow
10 blade to its original position. Impact-absorbing
members made of a polymeric material are mounted in
pockets contained in the pivot support structure of
the snow plow blade support structure, and portions of
the snow plow blade frame impact the impact-absorbing
15 members prior to the snow plow blade reaching either a
tripped position or a trip return position. The
impact-absorbing members are highly resistant to
damage even when absorbing large shocks caused by
substantial impacts, and are easily replaceable when
20 their lifetime has been expended.